Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 28 Aug 2023 until 23:59 on Tuesday 29 Aug 2023

Forecast Issued on Monday 28 Aug 2023 at 03:42

Confidence: High for prevailing changeable theme, but low for detail, especially for cloud. Confidence becomes low from Thursday with arrival of an Atlantic weather system.

Headline for Monday 28 Aug 2023: Cloud thinning and breaking to brighter skies by Monday afternoon. Perhaps the odd shower.

Mountain weather hazards on Monday 28 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
30%	20%	20%	20%	10%	10%

Forecast for Monday 28 Aug 2023

Weather: A damp start with some rain and drizzle slowly dying out. Turning drier and brighter through Monday morning, with best of any sunshine developing across more sheltered eastern areas. Perhaps an isolated afternoon shower.

Chance of cloud-free hill tops above 600m: 20% or less at first, becoming 90% by mid to late morning, then becoming 60% during the evening.

Low cloud and visibility: Widespread cloud with base 400-500m at first. Cloud bases lifting above the summits by mid to late morning. Cloud bases lowering again around dusk period. Visibility generally good, but moderate in any showers, and very poor visibility in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 28 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 W	14/17 NW	15/21 NW	15/20 W	12/17 W	10/14 W	11/15 W
300	6/7 SW	11/14 NW	13/18 NW	13/18 W	9/15 W	6/11 W	7/12 SW
Valley	2/5 SW	8/14 NW	10/18 NW	10/19 W	7/15 W	4/10 W	3/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/7	12/9	12/9	11/8	10/8	10/8
300	11/10	13/11	14/12	14/12	14/12	12/11	12/11
Valley	12/12	14/13	16/14	15/14	14/13	13/12	12/12
Freezing Level*	2100m	2000m	2000m	2200m	2300m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be a little higher across peaks and some ridges in afternoon. Sun protection may be required in any sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 28 Aug 2023	0mm	0.2mm	0.2mm

Forecast for Tuesday 29 Aug 2023

Weather: A misty start with possible fog at first in some valleys. Generally cloudy with some showery rain crossing from the west and northwest in the morning. Drier and brighter in afternoon with some sunny spells, and a few mostly light rain showers, these continuing into the evening period. Feeling humid in the afternoon.

Maximum wind: West with gusts 25-30mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% or less during much of Tuesday morning then becoming 90% or more in the afternoon.

Low cloud and visibility: Broken to overcast bases 600m developing during early hours, with little change likely after dawn. In afternoon cloud lifting and breaking to scattered bases 900m. Visibility becoming moderate or poor during early hours then improving in afternoon to very good, but very poor visibility in cloud. Moderate visibility likely in showers during afternoon and evening.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 9 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above summits.

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